

**IN THE CLAIMS:**

Please AMEND the claims as follows:

1. (CURRENTLY AMENDED) A gas discharge panel substrate assembly comprising:
  - electrodes formed on a substrate,
  - a dielectric layer covering the electrodes, and
  - a protective layer covering the dielectric layer and in contact with a discharge space,wherein
  - the protective layer includes MgO and at least one compound selected from the group consisting of an Al compound, a Y compound, a Zn compound, a Zr compound, a Ta compound and SiC, ~~and has having an ultraviolet shielding function, and~~
  - the dielectric layer is a ~~CVD film~~ SiO<sub>2</sub> film of a thickness in the range of 5 to 15  $\mu$ m.
2. (CURRENTLY AMENDED) A gas discharge panel substrate assembly of claim 1, wherein the protective layer comprises a layer which shields the dielectric layer of the SiO<sub>2</sub> film from light having a wavelength of 200 nm or less generated by a discharge in the discharge space.
3. (PREVIOUSLY PRESENTED) A gas discharge panel substrate assembly of claim 1, wherein said at least one compound is a compound having a bandgap of 6.2 eV.
4. (CURRENTLY AMENDED) A gas discharge panel substrate assembly of claim 1, wherein the dielectric layer contains a ~~CVD SiO<sub>2</sub>~~ hydrocarbon bond therein.
5. (CURRENTLY AMENDED) A gas discharge panel substrate assembly comprising:
  - electrodes formed on a substrate,
  - a dielectric layer formed on the substrate so as to cover the electrodes and made of a ~~CVD film~~ SiO<sub>2</sub> film having thickness in the range of 5 to 15  $\mu$ m,
  - an ultraviolet shielding layer formed on the dielectric layer and made of a compound having an ultraviolet shielding function to shield the dielectric layer from ultraviolet light generated by a discharge in a discharge space of the assembly, the compound being selected from the group consisting of an Al compound, a Y compound, a Zn compound, a Zr compound, a



Ta compound and SiC, and

a protective layer formed on the ultraviolet shielding layer and made of MgO.

6. (CANCELED)

7. (CURRENTLY AMENDED) A gas discharge panel substrate assembly of claim 5, wherein the ultraviolet shielding layer shields the dielectric layer from ultraviolet light having a wavelength of 200 nm or less.

8. (CURRENTLY AMENDED) A gas discharge panel substrate assembly of claim 5, wherein the dielectric layer contains a GVD-SiO<sub>2</sub>hydrocarbon bond therein.

9. (CANCELED)

10. (CANCELED)

11. (CANCELED)

12. (CANCELED)

13. (CANCELED)

14. (CURRENTLY AMENDED) An AC type gas discharge panel ~~using the gas discharge panel substrate assembly as disclosed in claim 1 as a gas discharge panel substrate assembly in the front side~~comprising:

a front substrate having display electrodes;

a dielectric layer covering the display electrodes, the dielectric layer having a thickness in the range of 5 to 15  $\mu$ m, and being a SiO<sub>2</sub> film having a hydrocarbon bond therein;

a back substrate having a phosphor;

a discharge space between the front substrate and the back substrate and having a discharge gas sealed therein; and

an ultraviolet shielding layer formed on the SiO<sub>2</sub> film and containing a compound which shields the SiO<sub>2</sub> film from ultraviolet light generated by a discharge in the discharge space and is selected from the group consisting of an Al compound, a Y compound, a Zn compound, a Zr compound, a Ta compound and SiC.

15. (CURRENTLY AMENDED) An AC type gas discharge panel ~~using the gas discharge panel substrate assembly as disclosed in claim 5 as a gas discharge panel substrate~~

assembly in the front side comprising:

a front substrate having display electrodes;

a dielectric layer covering the display electrodes, having a thickness in the range of 5 to 15  $\mu\text{m}$ , and being a  $\text{SiO}_2$  film having a hydrocarbon bond therein;

a back substrate having a phosphor;

a discharge space between the front substrate and the back substrate and having a discharge gas sealed therein;

a protective layer covering a surface of the dielectric layer facing the discharge space and made of  $\text{MgO}$ ; and

an ultraviolet shielding layer formed between the  $\text{SiO}_2$  film and the protective layer,

wherein the ultraviolet shielding layer shields the dielectric layer from ultraviolet light generated by a discharge in the discharge space and contains a compound selected from the group consisting of an Al compound, a Y compound, a Zn compound, a Zr compound, a Ta compound and  $\text{SiC}$ .

16. (CURRENTLY AMENDED) A gas discharge panel substrate assembly comprising:

electrodes formed on a glass substrate;

a dielectric layer made of a sheet frit glass formed on the substrate by baking and containing a hydrocarbon bond therein;

an intermediate layer formed on the dielectric layer and shielding the dielectric layer from vacuum ultraviolet light from generated by a discharge in a discharge space of the assembly, the intermediate layer being made of at least one compound selected from the group consisting of an Al compound, a Y compound, a Zn compound, a Zr compound, a Ta compound and  $\text{SiC}$ ; and

a protective layer covering the intermediate layer and made of  $\text{MgO}$ .

17. (CANCELED)

18. (PREVIOUSLY PRESENTED) A gas discharge panel substrate assembly of claim 16, wherein the intermediate layer is a  $\text{ZrO}_2$  layer.